

## Water Audit Level 1 Validation Document

### Audit Information:

Utility: Fallbrook Public Utility District      PWS ID: 3710008

System Type: Potable      Audit Period: Fiscal Year 17-18

Utility Representation: Mick Cothran

Validation Date: September 12, 2018      Call Time: 9:30am - 11:30am      Sufficient Supporting Documents Provided: Yes

### Validation Findings & Confirmation Statement:

#### Key Audit Metrics:

Data Validity Score: 68      Data Validity Band (Level): Band III (51-70)

ILI: 1.75      Real Loss: 63.02 (gal/conn/day)      Apparent Loss: 13.74 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 4.8%

#### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit.

### Validator Information:

Water Audit Validator: Elisa Marrone      Validator Qualifications: Certified by CA-NV AWWA

Based on a template prepared by



## Water Loss Audit Level 1 Validation Document

Water System Name: Fallbrook Public Utility District    Water System ID Number: 3710008    Water Audit Period: FY 2017-18

### Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- Distribution tank volume differential (beginning of audit period vs end of audit period) incorporated into the audit
- Metering lag-time correction incorporated into Billed Metered Authorized Consumption input value

### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Jack Bebee

Executive Name (Print)

General Manager

Executive Position

*Jack Bebee*

Signature

9/20/18

Date